

Converting Colors

XYZ(77.6939, 71.6738, 83.4271)

Have a look what the booklet for
XYZ(77.6939, 71.6738, 83.4271)
contains.

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Color

**XYZ(77.5564, 71.4871,
83.1095)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFE4
RGB	255, 207, 228
RGB Percent	100%, 81%, 89%
CMY	0.0000, 0.1882, 0.1059
CMYK	0.00, 0.19, 0.11, 0.00
HSL	334°, 100%, 91%
HSV	334°, 19%, 100%
XYZ	77.5564, 71.4871, 83.1095
YIQ	223.7460, 21.8670, 16.7070

Conversions

Conversions Part 2

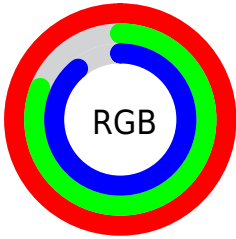
Format	Color
R _Y B	255, 207, 228
Decimal	16764900
CIE Lab	87.72, 20.16, -3.95
CIE LCh	88, 20.538, 348.913
Yxy	71.4871, 0.3341, 0.3079
Android (android.graphics.Color)	4294954980 (0xFFFFCFE4)
YUV	223.7460, 2.0972, 27.4098
Hunter-Lab	84.5500, 15.7726, 0.9052

Details

The XYZ color **77.5564, 71.4871, 83.1095** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.3458, 90.7271, 91.3337**, and the grayscale version is **70.6463, 74.3254, 80.9404**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0598, 37.4794, 44.5526** is the 20% darker color. If you saturate the color by 10%, you get **69.9607, 59.3514, 71.1572**, and if you desaturate by 10%, it is **86.3183, 85.6902, 96.2677**.

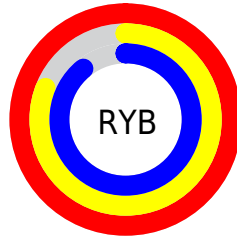
Distribution



Red (100%)

Green (81%)

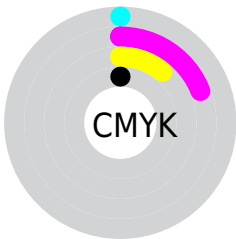
Blue (89%)



Red (100%)

Yellow (81%)

Blue (89%)

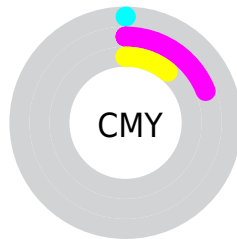


Cyan (0%)

Magenta (19%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.5564, 71.4871, 83.1095 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 77.5564, 71.4871, 83.1095 by changing the saturation by 10% instead.

77.5564, 71.4871,
83.1095

77.5564, 71.4871,
83.1095

475.5219,
465.7544, 525.3319

58.0112, 52.7398,
61.7394

128.8933,
121.3270, 139.5794

42.0609, 37.5951,
44.3877

161.4156,
153.1885, 175.5163

29.3403, 25.6686,
30.6360

198.9944,
190.1901, 217.1458

19.4840, 16.5759,
20.0657

241.9949,
232.7162, 264.8865

12.1266, 9.9326,
12.2582

290.7826,
281.1514, 319.1569

6.9028, 5.3543,
6.7951

345.7227,

3.4472, 2.4566,

335.8798, 380.3756

3.2578

407.1807,
397.2860, 448.9611

■ 1.3944, 0.8548,
1.2277

■ 0.2522, 0.0000,
0.0014

■ 77.5564, 71.4871,
83.1095

■ 77.5564, 71.4871,
83.1095

■ 69.9607, 59.3514,
71.1572

■ 86.3183, 85.6902,
96.2677

■ 63.4745, 49.1770,
60.3694

95.0500, 100.0000,
108.9000

■ 58.0436, 40.8616,
50.7084

■ 53.6069, 34.2903,
42.1327

■ 50.0969, 29.3350,
34.5975

■ 47.4369, 25.8499,
28.0539

■ 45.5365, 23.6624,
22.4472

■ 44.2669, 22.5230,
17.7087

■ 44.1397, 22.4199,
17.1997

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.2515, 71.4871, 96.8267



77.5564, 71.4871, 83.1095



77.1957, 71.4871, 69.4643

Triad

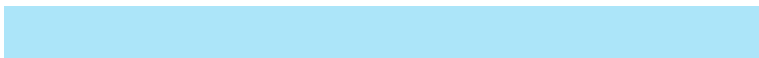
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.5564, 71.4871, 83.1095



64.9561, 71.4871, 55.1231



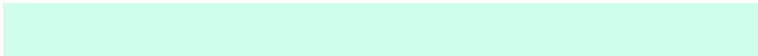
61.9759, 71.4871, 99.8510

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



77.5564, 71.4871, 83.1095



76.3458, 90.7271, 91.3337

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.4670, 71.4871, 86.8575



77.5564, 71.4871, 83.1095



61.1299, 71.4871, 61.5086

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



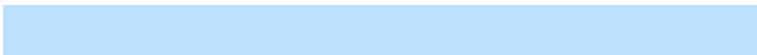
77.5564, 71.4871, 83.1095



69.7631, 71.4871, 54.3739



59.1649, 71.4871, 72.7929



66.1614, 71.4871, 107.2331

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.5564, 71.4871, 83.1095



75.4964, 71.4871, 62.1776



59.1649, 71.4871, 72.7929



60.9173, 71.4871, 95.9275

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



77.5581, 71.4901, 83.1110



89.0068, 90.0817, 100.2018



74.1002, 69.2401, 104.0669



18.9160, 19.0603, 21.2505



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.5581, 71.4901, 83.1110



74.2447, 66.1722, 77.9715



75.4034, 71.5656, 68.8747



18.3394, 18.1191, 20.4045



23.1359, 11.7436, 9.3660



2.3064, 1.1649, 1.1949

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



77.5581, 71.4901, 83.1110



74.2447, 66.1722, 77.9715



78.7830, 90.4847, 107.9207



18.3394, 18.1191, 20.4045



23.1359, 11.7436, 9.3660



2.3064, 1.1649, 1.1949

Previews

White Background



This preview shows how the XYZ color 77.5564, 71.4871, 83.1095 looks on a white background.

Color Contrast Check

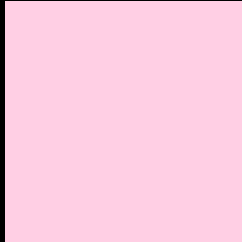
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 77.5564, 71.4871, 83.1095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

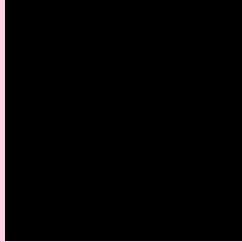
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.5564, 71.4871, 83.1095

Background



This preview shows how black text looks on a background with the XYZ color 77.5564, 71.4871, 83.1095.

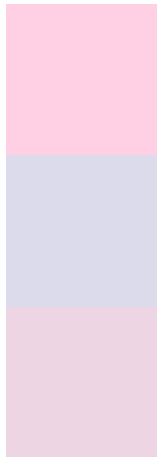


This preview shows how white text looks on a background with the XYZ color 77.5564, 71.4871,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

77.5564, 71.4871, 83.1095

Protanopia

69.8421, 71.8768, 88.7898

Deuteranopia

72.9193, 71.3117, 82.5943



Tritanopia

76.8835, 71.5644, 80.2821

Trichromacy



Original Color

77.5564, 71.4871, 83.1095

Protanomaly

72.4702, 71.7507, 86.3736

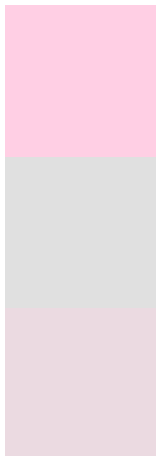
Deuteranomaly

74.4676, 71.3677, 82.5235

Tritanomaly

77.0195, 71.6188, 80.9986

Monochromacy



Original Color

77.5564, 71.4871, 83.1095

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.9230, 73.2412, 81.5277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5564, 71.4871, 83.1095 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 207, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 228)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 207, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 228) }
```

Border

The CSS property to change the border of an element to XYZ 77.5564, 71.4871, 83.1095 is called "border". The border property can be set on classes, ids or directly on the HTML element.

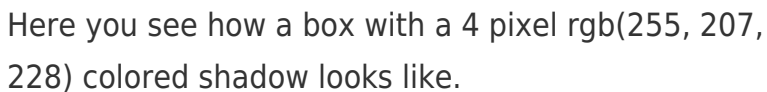
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 207, 228) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 207, 228) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(255, 207, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 207, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 207, 228); box-shadow:4px 4px 4px 4px rgb(255, 207, 228) }
```

Background

The CSS property to change the background color of an element to XYZ 77.5564, 71.4871, 83.1095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 228) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
207, 228) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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